



Product Overview

Part No. CC-VA8822

Like all GE Security products, this Smart ConnectionCenter™ Video Amplifier is a high quality module designed to meet the needs of the most demanding applications. The Video Amplifier takes inputs from CATV, Satellite TV, and off air signals and distributes them to any TV in the home. In addition, Internal inputs provide the ability to re-distribute signals from components, such as security cameras and other modulated sources, within the home to any other location. This versatile module is broadband approved and has been tested for HDTV, digital and analog TV. It provides the foundation for entertainment distribution in all Smart ConnectionCenter Premium Systems.

Key Features

- CATV Input.
- Supports satellite and CATV distribution
- Auxiliary input for security cameras
- Internal inputs for re-distribution of signals from DVDs and VCRs
- High quality amplified outputs with 3 dB gain
- Dedicated Modem Output port.
- Broadband and HDTV ready



Installation Overview

This installation sheet describes the process for installing an RF Distribution Amplifier for Cable and Satellite TV in the Smart ConnectionCenter. For more information on this Video Amplifier, please refer to the product specifications provided on the back of this sheet.

Read all instructions carefully. Review tools and supplies list prior to installing the module.

Compatibility

The Video Amplifier is compatible with all Premium Smart ConnectionCenter models:

- Can be included in all Premium Series Systems
- Can be used with any camera.
- Can be used for PAL or NTSC.
- Can be used with any cable modem

Tools and Supplies

- Pliers
- CC-PS1300 12 VDC Power Supply 1.3 Amp. (not included)
- CC-PD1000 Power Distribution Module (not included)
- Torque Wrench Recommended

Installation

1. Use pliers to twist out three adjacent module separator bars to make space for the Video Amplifier in the module panel. This Video Amplifier requires 4 module spaces.
2. Mount the Module in the 5-Module Tray.
Align the pushpins with the four mounting holes.
Apply pressure to each of the 4 pushpins until they lock in place
3. Connect the 24" DC Power Cable (CC-PC0024) to the back of Power Distribution Module (CC-PD1000) using any available connection labeled A thru F.
4. Connect DC Power to the back of the Video Amplifier using the other end of the 24" DC Power Cable.
5. Use the Coax Torque Wrench to secure RG-6 Cables to the Video Amplifier. For more detailed instructions or instructions on how to handle specific installations, refer to the Smart ConnectionCenter System Installation Manual.



Specifications

CATV Input:	1
Modulated Input:	8
Satellite (Looped) Input:	2
Combined Outputs:	8
Modem Outputs:	1
CATV Forward:	54-1000 MHz
CATV Reverse:	5-42 MHz
Modulators:	590-800 MHz
Satellite:	950-1450 MHz
CATV Input (100 channels):	.. 10 dBmV max
Satellite Input:	N/A
Modulator/Auxiliary Input:	... 10 dBmV min, 25 dBmV max per channel
CATV Modem Input:	55 dBmV max
CATV Forward:	+3 dB: ± 1.5 dB
CATV Reverse:	+1.0 dB: ± 1.5 dB
Modem:	+1.0 dB: ± 1.5 dB
Broadband Satellite Loop:	-0.5 dB: ± 0.4 dB
Modulator/Auxiliary:	-6.0 dB: ± 0.7 dB
Modulator-Modulator ports:	.. 23 dB (590-800 MHz.)
Output - Output ports:	25 dB (5-42 MHz.)
	23 dB (54-1000 MHz.)
Current Draw:	260mA

Information

For technical assistance or questions concerning this module, please use one of our following support services:

- Refer to the Smart ConnectionCenter System Installation Manual.
- Contact technical support at 1-800-777-2624 or SCCtechsupport@ge.com.
- For Sales e-mail us at SmartCC@GE.com.
- Visit us on the web at www.GESecurity.com.



GE Security

1275 Red Fox Road, Arden Hills, MN 55112
Technical Support: 800-777-2624

© 2004 GE Security. All Rights reserved. Smart ConnectionCenter is a trademark of GE Security. All other trademarks are properties of their owners.

All rights reserved.